

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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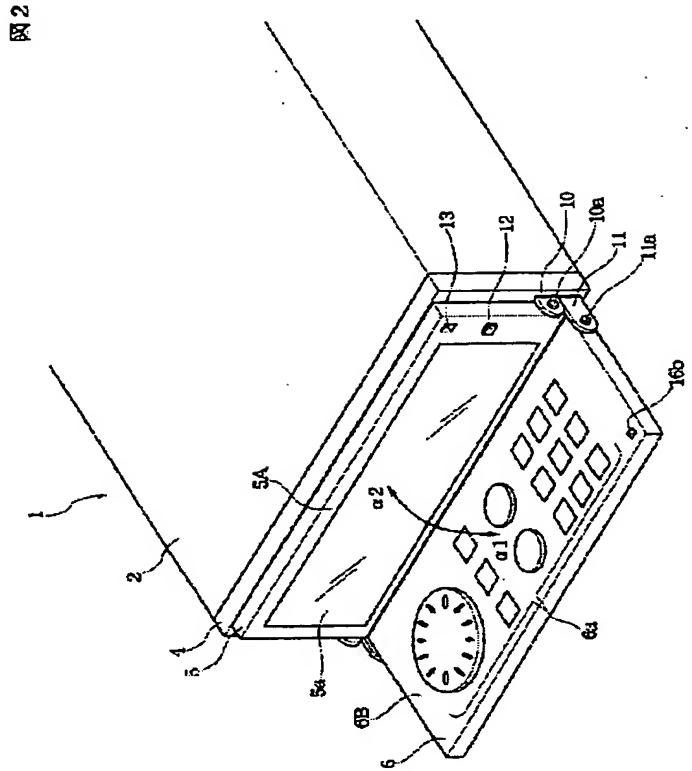
APPLICATION DATE : 04-12-00  
APPLICATION NUMBER : 2000368225

APPLICANT : ALPINE ELECTRONICS INC;

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TITLE : ON-VEHICLE ELECTRONIC EQUIPMENT



ABSTRACT : PROBLEM TO BE SOLVED: To solve the problem on conventional on-vehicle electronic equipment that a usable space to mount an operating member therein is limited to the surface of a fixed nose portion or the surface or reverse of a panel and the front face of a case, thereby precluding a sufficient space to be taken for the mounting the operating member or a display member or requiring a small size of operating or display member resulting in inferior operability and hard- to-see display.

SOLUTION: A second movable panel 5 and a first movable panel 6 are arranged in front of equipment and the movable panels 5, 6 are put in the position of turning and moving to the front at the same time or independently. With the arrangement of the display member 5a or the operating member 6a in a space at the surface or reverse of each movable panel, the face of each panel can be effectively used for various operations.

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